

KEDRINSKIY, Vsevolod Vladimirovich; DESHALYT, M.G., ved. red.;
YASHCHURZHINSKAYA, A.B., tekhn. red.

[English-Russian dictionary on the chemistry and refining of
petroleum] Anglo-russkii slovar' po khimii i pererabotke nefi.
Leningrad, Gostoptekhizdat, 1962. 910 p. (MIRA 15:6)
(Petroleum—Dictionaries)

KEDROLIVANSKIY, Viktor Nikolaevich, 1889, ed.

Meteorological observations of the second International polar year, 1932-1933 Leningrad
Redaktsionno-izdatel'skii otd., 1936-37. (40-23971)

QC99A.8.R78

KEDROLIVANSKIY, V.N.

54-44
 ✓ [Kedrolivanskiy, V. N. Meteorologicheskie pribory. [Meteorological instruments.] Moscow, Gidromet. Izdat., 1937. 321 p. 250 figs., tables, 85 refs., eqs. Microfilm copy in U. S. Weather Bureau. DWO. A most complete manual for observations and maintenance of instruments, as of 1937, in the hydrometeorological service of the U.S.S.R. The first chapter goes extensively into determination of time in all its aspects; Chap. II. Pressure measuring instruments; Chap. III. Temperature; Chap. IV. Evaporation; Chap. V. Humidity; Chap. VI. Precipitation; Chap. VII. Cloudiness; Chap. VIII. Solar radiation; Chap. IX. Visibility; Chap. X. Wind and Chap. XI. The work of recording and compiling meteorological observations at stations. Most detailed photographs and line drawings of working parts of the various instruments, and example of records are included. Conversion and reduction tables are included or appended. Theory and calibration or correction of the various instruments profusely incorporated. Subject Headings: 1. Meteorological instruments 2. Observational techniques 3. Instrument calibration 4. Textbooks 5. Instrument manuals.

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KEDROLIVANSKIY, V. N. D., Tech. Sci.

Dissertation: "Meteorological Instruments, Their Theory, Construction and Application."
Central Inst. of Weather Forecasting, 6 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836)

LOIDIS, A.P.[deceased]; PREOBRAZHENKIY, Yu.V., kand. geogr. nauk;
KORZUN, V.I., red.; KEDROLIVANSKIY, V.N., prof., red.; ZAY'KOV,
B.D., doktor geogr. nauk, red.; GRIBANOV, N.N., kand. geogr.
nauk, red.; SELEZNEVA, Ye.S., kand. fiziko-matem. nauk, red.;
UKHANOV, V.V., kand. tekhn. nauk, red.; KUZ'MIN, L.D., red.;
KOZITSKIY, N.I., red.; KONONOVA, L.B., tekhn. red.

[Instructions for hydrometeorological stations and posts]Nastav-
lenie gidrometeorologicheskim stantsiiam i postam. Leningrad,
Gidrometeor.izd-vo. No.2.[Hydrometeorological observations at posts]
Gidrometeorologicheskie nabludeniia na postakh [Matitime hydro-
meteorological observations]Morskie gidrometeorologicheskie nablju-
deniia. 1948. 114 p. (MIRA 15:3)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorolo-
gicheskoy sluzhby. (Meteorology, Maritime)

KEDROLIVANSKIY, V. N.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 727 - I

BOOK

Call No.: AF671226

Authors: KEDROLIVANSKIY, V. N. and M. S. STERNZAT

Full Title: METEOROLOGICAL INSTRUMENTS MEASURING METEOROLOGICAL
ELEMENTS

Transliterated Title: Meteorologicheskkiye pribory izmereniye
meteorologicheskikh elementov

PUBLISHING DATA

Originating Agency: None

Publishing House: Publishing House of Hydrometeorology

Date: 1953

No. pp.: 544

No. of copies: 8,000

Editorial Staff: R. E. Soloveychik, editor, Kand. Phys. and Math Sci.

PURPOSE: The book is written for students of hydrometeorological institutes and state universities, but can be used by designers of instruments and other specialists dealing with meteorological measuring and weather forecasting.

TEXT DATA

Coverage: The book consists of a preface, an introduction, 11 chapters and 22 appendices. The introduction is a brief historical review describing the development of meteorology in Russia and giving an outline of the work performed by meteorological stations at present. The book deals with instruments used for the measuring of temperature, air moisture, evaporation, precipitation, clouds, solar radiations, pressure, wind elements, atmospheric electricity,

Translation M-700, 1944 1/2

KEDRON, B., inz.

Determination of coking properties of coal by laboratory methods.
Paliva 41 no.6:177-183 Je '61.

1. Ministerstvo paliv a energetiky.

KUDELA, V., inz. GSc.; KEDRONOVA, V., prom. chemik

Fast determination of dust in coal. Paliva 45 no.4:137-139
Ap '65.

1. Research Institute of Fuels, Bechovice.

KEDROV, A. A.

"An Attempt at Quantitative Estimate of Central and Peripheral Circulation by
Electrometric Means," Klin. Med., 26, No.5, 1948

Faculty Therapeutic Clinic, 1st Leningrad Med. Inst. im. I. P. Pavlov

KEDROV, A. A.

23617

SRAY-ITEL'NAYA OTSENKA KLINICHESKIH OPREDELENIY PUL'SOVOGO DAVLENIYA I
PUL'SOVOGO NARPOLNENIYA ARTERIY DLYA FUNKSIONAL'NOY DIAGNOSTIKI SERDCA.
KLINICH. ME ITSIA, 1/49. No. 7, c. 24-30.--BIBLIOGR: 7 LIT.

SO: LETOITS' NO. 31.1/49

KEDROV, A. A.

"The So-Called Rheocardiography," Klin. med., 27, No.3, 1949.

Therapeutic Clinic

KEDROV, A. A.

"Determination and Measurement of the Pulse Variations in the Electrical Conductivity of the Body of Animals and Humans as a Method for Studying the Central and Peripheral Blood Circulation," Fiziol. zhur., 35, No.3, 1949

Therapeutic Clinic, 1st Leningrad Med. Inst. Im. I. P. Pavlov.
Inst. Experimental Medicine, AMS USSR
Chair of Normal Physiology, 1st Leningrad Med. Inst. im. Pavlov

KEDROV, A. A., NAUMENKO, A. I.

Certain peculiarities of regulation of intracranial circulation. Fiziol. zh. SSSR 37 no. 4:431-438 July-Aug. 1951.(GLML 21:3)

1. Clinical Physiology Department of the Institute of the Physiology of the Central Nervous System of the Academy of Medical Sciences USSR, Hospital Therapeutic Clinic and the Department of Normal Physiology of First Leningrad Medical Institute imeni Academician I. P. Pavlov.

KEDROV, A.A. PROF.

Physicians

Georgiy Fedorovich Lang. Fel'd i akush., no,2, 1952

SO: Monthly List of Russian Accessions, Library of Congress, April 1952, Uncl.

АЕДРОВ П. П.

KEDROV, Aleksey Alekseyevich; NAUMENKO, Andrey Ivanovich; KUPALOV, P.S., professor, zaslushennyy deyatel' nauki, redaktor; ABRAKOV, L.V., redaktor; RULEVA, M.S., tekhnicheskyy redaktor

[Clinical illumination of problems in the physiology of intracranial blood circulation; experimental research] Voprosy fiziologii vnutricherepnogo krovoobrashcheniya s klinicheskimi ikh osveshcheniem; eksperimental'noye issledovanie. Pod. red. P.S.Kupalova. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoye otd-nie, 1954. 133 p. (MLRA 7:9)

1. Deystvyuyushchiy chlen Akademii meditsinskikh nauk SSSR (for Kupalov) (Head--Blood supply)

KEDROV, A. A.

KEDROV, A.A. (Leningrad)

Wp. 1954. 1954. 1954.

Mechanism of headache in hypertension and its therapy. Klin. med.
32 no.7:29-37 J1 '54. (MLRA 7:8)

1. Is kliniki propedevtiki vnutrennikh bolezney (zav.-prof. S.M.
Byss) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo
instituta.

(HEADACHE, etiology and pathogenesis

*hypertension)

(HYPERTENSION, complications

*headache)

KEDROV, A.A.; NAUMENKO, A.I. (Leningrad)

Mechanism of intracranial blood circulation. Usp. sovr. biol.
38 no.2:183-198 S-O '54. (MLRA 8:1)
(BRAIN, blood supply,
circ., electric registration in animals)

KEDROV, A.A.; NAUMENKO, A.I.

New method for determining pulse accelerations in vessels of the animal organism. Biul. eksp. biol. i med. 38 no.8:69-72 Ag '54.
(MLRA 7:9)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. prof. S.M. Ryss) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta normal'noy fiziologii (zav. deystvitel'nyy chlen AMN SSSR prof. P.S.Kupalov) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.

(PULSE,
rate, determ. in animals)

KEDROV, A.A.; NAUMENKO, A.I.; DEOTYAREVA, Z.Ya.

Mechanism of venous draining of the blood from the cranium.
Biul. eksp. biol. i med. 38 no.9:10-14 S '54. (MIRA 7:12)

1. Iz kliniki propedevniki vnutrennikh bolezney (zav. S.M.Ryss)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta
i kafedry normal'noy fiziologii (zav. deystvitel'nyy chlen AMN SSSR
prof. P.S.Kupalov) i Leningradskogo meditsinskogo instituta imeni
I.P.Pavlova.

(BRAIN, blood supply,
venous draining, mechanism)

KEDROV, A.A.
USSR/Medicine - Physiology

FD-921

Card 1/1 Pub 33-4/29

Author : Kedrov, A. A. and Naumenko, A. I.

Title : Action of some pharmacological agents on intracranial blood circulation

Periodical : Fiziol. zhur. 40, 280-288, May/Jun 1954

Abstract : Experiments on 27 cats disclosed that intracranial arteries are in constant state of contraction and that carbon dioxide is the most powerful agent in reducing the tone of these arteries. Nitrates, dibazol, and caffeine reduce the tonus of intracranial arteries by their direct action. Nicotinic acid (Vitamin PP) and citrin produce no noticeable effect on the tonus of intracranial arteries; citral (derivative of vitamin A) reduces their tonus only mildly. Diagrams. Eight Soviet and six non-Soviet references.

Institution : Clinic of Propedeutics of Internal Diseases, Leningrad Sanitary-Hygienic Medical Institute and Chair of Normal Physiology, First Leningrad Medical Institute imeni I. P. Pavlov

Submitted : February 21, 1952

ARRIGONI, I.M., ASOSKOVA, S.M., KEDROV, A.A., KORULOVA, Ye.I.

Preliminary evaluation of the results of ligation of the external iliac
veins in the treatment of chronic cardiac insufficiency. Terap.arkh.
30 no.8:38-47 Ag '58 (MIRA 11:9)

1. Iz fakul'tetskoy terapevticheskoy (zav. - prof. A.A. Kedrov)
i fakul'tetskoy khirurgicheskoy (zav. - prof. P.N. Napalkov) kliniki
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(CONGESTIVE HEART FAILURE, surg.
iliac vein ligation (Rus))
(VEINS, ILIAC, surgery,
ligation in congestive heart failure (Rus))

KEDROV, A.A., prof. (Leningrad)

"Insufficiency of external respiration" by A.G.Dembo. Reviewed
by A.A.Kedrov. Klin.med. 36 no.12:137-139 D '58.

(MIRA 12:6)

(RESPIRATION)

(DEMBO, A.G.)

KEDROV, A.A.

General principles of oxygen therapy in cardiovascular diseases.
Trudy LSOMI 40:5-20 '58. (MIRA 12:8)

(OXYGEN, ther. use,
cardiovasc. dis. (Rus))
(CARDIOVASCULAR DISEASES, ther.
oxygen (Rus))

KEDROV, A.A.

Rheumatic and nonrheumatic myocarditis. Trudy LSGNI 48:7-17 '59.

(RHEUMATIC HEART DISEASE)

(MIRA 14:2)
(HEART—DISEASES)

KEDROV, A.A., prof.

If you have a heart defect. Zdorov'e 6 no.12:19-21 D '60.

(HEART—ABNORMITIES AND DEFORMITIES)

(MIRA 13:12)

NEURGY, H. H.

~~KEPROV~~ A.A., prof. (Leningrad)

Hospitalization of patients with acute myocardial infarct. Sov.
med. 24 no.12:13-20 D '60. (MIRA 14:3)
(HEART—INFARCTION)

KEDROV, A.A., prof.

Specialization in medical school clinics and the place of the
cardiological clinic in organizing aid for patients with cardio-
vascular diseases. Biul. Uch. med. sov. 2 no.1:16-21 Ja-F '61.
(CLINICS) (MIRA 14:10)
(CARDIOVASCULAR SYSTEM--DISEASES)

KEDROV, A.A., prof.

"Problems of coronary insufficiency and rheumatism" (Trudy of the
Kuybyshev Medical Institute, v. 13). Reviewed by A.A. Kedrov.
Biol. Uch.med. sov. 2 no.2:42-43 Mr-Apr '61. (MIRA 14:10)
(CORONARY VESSELS—DISEASES) (RHEUMATIC HEART DISEASE)

VOLYNSKIY, Z.M., prof.; GILYAREVSKIY, S.A., prof.;
 GEFTER, A.I., prof.; DEMIN, A.A., prof.; ZELENIN, V.F., prof.;
 ISTAMANOVA, T.S., prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N.,
 prof.; KEDROV, A.A., prof.; MESHALKIN, Ye.N., prof.; SAVITSKIY,
 N.N., prof.; FOGEL'SON, L.I., prof.; KHVILIVITSKAYA, M.I., prof.;
 LUKOMSKIY, P.Ye., prof., red. toma; MYASNIKOV, A.L., prof., otv.
 red.; TAREYEV, Ye.M., prof., zam. otv. red.; BAGDASAROV, A.A.,
 prof.[deceased], red.; BARANOV, V.G., prof., red.; VOVSI, M.S.,
 prof., red.[deceased]; IVANOV, V.N., prof., red.[deceased];
 KURSHAKOV, N.A., prof., red.; MOLCHANOV, N.S., prof., red.;
 NESTEROV, A.N., prof., red.; SPERANSKIY, I.I., prof., red.
 [deceased]; ZAMYSLOVA, K.N., prof., red.; PERCHIKOVA, G.Ye.,
 kand. med. nauk, red.; ERINA, Ye.V., kand. med. nauk, red.;
 LYUDKOVSKAYA, Yu.S., tekhn. red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Multivolume manual on internal diseases]Mnogotomnoe rukovodstvo
 po vnutrennim bolezniyam. Otv. red. A.L.Miasnikov. Moskva,
 Medgiz. Vol.1. [Diseases of the cardiovascular system]Bolezni
 serdechno-sosudistoi sistemy. Red. toma: P.E.Lukomskii i N.N.
 Savitskii. 1962. 686 p. (MIRA 15:12)

(Continued on next card)

KEDROV, Aleksey Alekseyevich; LILENKO, S.I., red.; KHARASH, G.A.,
tekhn. red.

[Diseases of the myocardium] Bolezni myshtsy serdtsa. Lenin-
grad, Medgiz, 1963. 197 p. (MIRA 16:7)
(HEART--DISEASES)

KEDROV, A.A.

Nomenclature and classification of myocarditis of different
etiology. Kardiologiya 3 no.5:3-11 '63. (MIRA 17:9)

1. Iz kliniki vnutrennikh bolezney (zav. -prof. A.A. Kedrov)
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.

SOBOLEVA, Antonina Vasil'yevna; KEDROV, A.A., red.

[Electrographic methods of examination in the expertise for work capacity in diseases of the cardiovascular system; methodological fundamentals] Elektrograficheskie metody issledovaniia v ekspertize trudosposobnosti pri zabolevaniakh serdechno- sosudistoi sistemy; metodicheskie osnovy. Leningrad, Meditsina, 1964. 94 p.
(MIRA 17:6)

KEDROV, A.A., prof.

Use of cardiac glycosides in the treatment of circulatory
insufficiency in patients with mitral defects. Kardiologiya
4 no. 4:93 J1-Ag ' 64 (MIRA 19:1)

L'VOV, P.N., kandidat tekhnicheskikh nauk; KHRUSHCHOV, M.M., doktor tekhnicheskikh nauk, professor, retsenzent; KEDROV, A.I., kandidat tekhnicheskikh nauk, redaktor; KOVALIKHINA, N.P., tekhnicheskii redaktor

[Welding in resurfacing quick-wearing parts of road machinery]
Remont bystroisnashivaiushchikhsia detalei dorozhnykh mashin pri pomoshchi naplavki. Moskva, Izd-vo dorozhno-tekhn. lit-ry, 1952.
79 p. [Microfilm] (MLRA 7:10)
(Road machinery- Repairing)
(Welding)

КЕДРОВ, А.И.

BOL'SHAKOV, K.P.; MOISEYEV, I.A.; KEDROV, A.I.; DUCHINSKIY, B.N.

Vibration stability of welded bridges. Trudy TSNIS MPS no.8:3-198
'52. [Microfilm] (MLRA 7:10)
(Vibration) (Bridges, Iron and steel)

KEDROV, A. I. Kand. tekhn. nauk

Nauchno-issledovatel'skiy institut zheleznodorozhnogo stroitel'stva i
proyektirovaniya

ISSLEDOVANIYE RABOTY SVARNYKH SOYEDINENIY S PERESEKAYUSHCHIMIYA I VZAIMNO
PRIMYKAYUSHCHIMI SHVAMI V METALLICHESKIKH PROLETNYKH STROYENIYAKH MOSTOV

Page 140

124-11-13500

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 164 (USSR)

AUTHOR: Kedrov, A. I. *Card Tech Sci*

TITLE: The Effect of Certain Technological Defects in the Making of Welded Joints on Their Vibrational Strength (Vliyanie nekotorykh tekhnologicheskikh nedostatkov izgotovleniya svarnykh soyedineniy na ikh vibratsionnyu prochnost')

PERIODICAL: Tr. Vses. n.-i. in-ta transp. str-va, 1956, Nr 20, pp 163-202

ABSTRACT: The effect of certain defects of welded joints on their strength is established, toward the end that the greatest permissible qualitative deviations of welded joints from standard requirements be determined. Welded low-carbon-steel samples, 10 to 24 mm. thick, with butt joints, exhibiting varying quality of workmanship, were tested under variable loads.

Especial attention was directed to the effects of external and internal pores, and also, of heterogeneous inclusions, on the fatigue strength of welded joints.

Card 1/2

124-11-13500

The Effect of Certain Technological Defects in the Making of Welded Joints on Their Vibrational Strength (Continued)

It is shown that the fatigue strength of butt joints does not depend on the presence of single or multiple, separately located pores, but that it depends greatly on the porosity accompanying blow-holes and inclusions. The presence of pores in connecting welds as such may also lower the fatigue strength. It is necessary, in their evaluation, that not only the depth of the defects, but also their location and arrangement on the welds be considered.

Samples with minor technological defects may exhibit even a greater fatigue strength than that of unfinished butt joints and other modes of connection entailing structural stress concentrations.

(G. A. Nikolayev)

Card 2/2

SOV/124-58-5-6100

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 154 (USSR)

AUTHOR: Kedrov, A.I.

TITLE: The Effect of Some Technological Deficiencies in Manufacture on the Strength of Welded Assemblies (Vliyaniye nekotorykh tekhnologicheskikh nedostatkov izgotovleniya svarnykh soedineniy na ikh prochnost')

PERIODICAL: Tr. Vses. n.-i. in-ta transp. str-va, 1957, Nr 24, pp 195-286

ABSTRACT: Tests carried out on welded components with butt seams without stress relief (normalizing) have shown that the presence of pores in the seams (with the exception of single exceedingly large pores or groups of pores) has no appreciable effect on the life of the welded assemblies. Tests carried out on butt welds with stress relief yielded different results. Presence of pores in the form of single large pores or chains of such pores resulted in an appreciable decrease in the service life of a welded assembly. In welded butt seams with slag inclusions the formation of an initial crack in a number of cases did not substantially lower the performance of the joints,

Card 1/2

SOV/124-58-5-6100

The Effect of Some Technological Deficiencies (cont.)

which withstood successfully large additional loads. Slag inclusions that appeared on the surfaces decreased the life of the welded joint to a greater degree than similar inclusions that remained in the weld. Failure at room temperatures was plastic in character while at low temperatures it exhibited brittle characteristics. Presence of pores or preliminary residual stresses did not cause any appreciable effect on the conditions of failure under static loads. Pores located on the surface were the most pronounced stress concentrators and caused a considerable scatter in the length of life of the weld. Static-load experiments on components with chordwise seams containing defects yielded satisfactory results as regards the yield strength and ultimate strength when tested at room and at 50°C temperatures.

G.A. Nikolayev

1. Welds--Effectiveness
2. Welded joints--Effectiveness
3. Welds--Heat treatment
4. Welds--Test results

Card 2/2

MATAROV, I.A., kand.tekhn.nauk., laureat Stalinskoy premii, PROKOPOVICH, A.G.,
kand.tekhn.nauk., KEDROV, A.I., kand.tekhn.nauk

Testing 25G2S (25GS) steel reinforcements subjected to static and
multiple repetitive loads. Trudy TSNIIS no.37:141-221 '60.

(MIRA 13:12)

(Reinforcing bars--Testing)

KOLOKOLOV, N.M., inzh.; ~~KEDROV~~, A.I., kand.tekhn.nauk; PROKOPOVICH, A.G.,
kand.tekhn.nauk

High-tensile 30X028 steel bar reinforcements in bridge construction.
Bet.i zhel.-bet. no.12:541-546 D '60. (MIRA 13:11)
(Bridges, Concrete) (Reinforcing bars)

KEDROV, A. I.

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniyy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskyy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

Card 1/11

Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

Card 2/11

Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

Alekseyev, F. A. Present State and Future Prospects of Applying the Methods of Nuclear Geophysics in Prospecting, Surveying, and Mining of Minerals 5

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Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

Flerov, G. N., B. G. Yerozolimskiy, D. P. Bescpalov, L. R. Voytsik, D. I. Leypunskaya, A. T. Lopovok, and Yu. S. Shimelevich. New Small-Size Sources of Neutrons 18

Zaporozhets, V. M., S. A. Kantor, A. I. Kedroy, and V. V. Sulin. Basic Problems of the Theory and Methodology of Radioactive Methods of Borehole Investigation Using the Charged-Particle Accelerators 62

Korzhnev, A. A. Investigation of Boreholes by Methods Based on the Use of Radioactive Isotopes 68

Guberman, Sh. A., V. V. Larionov, and A. I. Kholin. Possibilities of Evaluating the Porosity of Rocks on the Basis of Data Obtained by Radiometry of Boreholes 80

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Card 5/11

95

KOLOKOLOV, N.M., doktor tekhn.nauk; KEDROV, A.I., kand.tekhn.nauk;
PROKOPOVICH, A.G., kand.tekhn.nauk; ZINCHENKO, A.A., inzh.;
BALYUCHIK, E.A., inzh.

Using high-strength rod reinforcements in prestressed bridge
girders. Transp. stroi. 13 no.6:22-25 Je '63. (MIRA 16:9)
(Beams and girders)

ENT (x) / ENT (y) / ENT (d) / T / ENT (t) / ENT (u) / ENT (v)

SECTION 4R: AFS018127

UR/0097 '64/000/012/0549/0555

Yelokolov, N. M. (Doctor of technical sciences); Vedrov, A. I.
(Doctor of technical sciences)

Studies of hot-rolled converter steel as reinforcing metal

SOURCE: Beton i zhelezobeton, no. 12, 1964, 549-555

TOYIC TAGS: steel, fabricated structural metal, general construction

[illegible]

Both of these steels, for a temperature range of $+20^{\circ}\text{C}$ to -20°C , have shown satisfactory strength and plasticity; it is true, however, that for the upper level of content of the basic components (C, Mn, Si), steel KSt 5

Card 1/2

1-1512-55

ACCESSION NR: AP5018127

falls below state requirements for plasticity.

The authors recommend the use of small-diameter, hot-rolled steel as
reinforcement in bridge structures, but with certain limitations in

developmental stresses. The article includes some test results.

Orig. art. has 1 figure, 1 table, and 1 appendix.

ABSTRACT: none

INDEX: GO

ENCL: 00

SUB CODE: MM, GO

OTHER: 000

OTHER: 000

Card 2/2

KOLOKOLOV, N.M., doktor tekhn. nauk; KEDROV, A.I., kand. tekhn. nauk;
PROKOPOVICH, A.G., kand. tekhn. nauk; BELYUCHIK, E.A., inzh.;
BELENCHENKO, V.A., inzh.; SUSLOV, F.I., inzh.

Tensioning of rod reinforcement of piling by the electrothermal
method. Transp. stroi. 15 no.4:22-25 Ap '65.

(MIRA 18:6)

KATSNEL'SON, B.A.; KEDROV, B.D.; ROZENBLAT, V.V.

Radiotelemetric counting of respiration frequency under industrial conditions. Gig. i san. 26 no.11:61-65 N '61. (MIRA 14:11)

1. Iz Sverdlovskogo instituta gigiyeny truda i professional'noy patologii.

(TELEMETER (PHYSIOLOGICAL APPARATUS)) (RESPIRATION)

KEDROV, B.D.; KATSNEL'SON, B.A. (Sverdlovsk)

Method of measuring pulmonary ventilation in rabbits. Gig.
truda i prof. zab. 6 no.12:47-49 D'62. (MIRA 16:7)

1. Institut gigiyeny truda i professional'noy patologii, Sverdlovsk.
(RESPIROMETER)

1. DAVYDOV, M. M.; TSUNTS, M. Z.; KEDROV, F. B.
 2. USSR (600)
 4. Russia - Public Works
 7. Great structures of the Stalin epoch (survey of literature). M. M. Davydov, M. Z. TSunts, F. B. Kedrov. Priroda 42, No. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ca

Processes and Properties Note

2

Dalton's law and the paradox of Gibbs. B. Kedrov.
J. Phys. Chem. (U.S.S.R.) 1, 431-7 (1930). --A theoretical
investigation of the limits of application of Dalton's law.
G. Faerman

COMMON ELEMENTS

PERMANENT NOTE

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

RECORDING UNIT

RECORDING UNIT

PROCESSES AND PROPERTIES INDEX																									
<p>Influence of reaction conditions on the yields of isom- riden in nitration of acetanilide. A. P. Terent'ev and H. M. Kedrov., <i>Sci. Repts. Moscow State Univ.</i> 1936, No. 6, 213-24. The content of <i>m</i>-NO₂C₆H₄NH₂ (I) in the product of nitration of NHPhAc rises from 0.5% when 100% H₂SO₄ is used, to 28% with 84% H₂SO₄; nitration does not proceed when the H₂SO₄ contains more than 10% of H₂O, while the use of 10% oleum leads to produc- tion of tarry products. Increasing the amt. of 100% H₂SO₄ taken per g. of NHPhAc from 2 to 5 ml. greatly lowers the yield of I, but further addn. of H₂SO₄ does not further reduce it. The yield of I is slightly increased by raising the nitration temp. from -3° to 10°, while further rise to 40° has no effect. The <i>m</i>-NO₂C₆H₄NH₂ content of the product is independent of temp., concn. and amt. of H₂SO₄ taken. Addn. of AcOH or HgSO₄ does not affect the relative yields of I and <i>p</i>-NO₂C₆H₄NH₂. H. C. A.</p>																									
<p>ASS-16A METALLURGICAL LITERATURE CLASSIFICATION</p>																									

PROCEDURES AND PROPERTIES NOTES																									
<p>Formula for determining the viscosity of latex. H. M. Kreyer, <i>Gummi und Kautschuk</i> (U. S. S. R.) 1938, No. 7, 29-31. The formula for detg. the viscosity of latex, given by Jordan, Braw and Roe (cf. C. A. 31, 5014'), viz.,</p> $\eta' = K_1 \frac{[d_{H_2O}(w_2P_1 - w_1P_2) + d_1(w_2h_1 - w_1h_2)]}{w_1w_2} \times \frac{h_1h_2}{(h_1 - h_2)} dt$ <p>is wrong. For the ordinary case, when different amts. of latex are detd. for the same period of time ($t_1 = t_2$), η' equals ∞. The correct formula is:</p> $\eta' = K_1 \frac{(h_1d_1 + P_1d_{H_2O}) - (h_2d_2 + P_2d_{H_2O})}{w_1d_1 - w_2d_2} \times t_1d_1$ <p>If $t_1 = t_2$, this formula becomes:</p> $\eta'_{H_2O} = K_1 \frac{(h_1d_1 + P_1d_{H_2O}) - (h_2d_2 + P_2d_{H_2O})}{(w_1 - w_2)} \times t_1d_1$ <p style="text-align: right;">A. Pestoff</p>																									
<p>ABB-31.1 METALLURGICAL LITERATURE CLASSIFICATION</p>																									

30

Determination of the viscosity constant of latex. B. M. Keshaw. *Caoutchouc and Rubber* (U. S. S. R.) 1938, No. 10, 25-30. - The method of Jordan, Brass and Koe (C. A. 31, 2614) was used for detg the viscosity const. of synthetic and natural latex. The method is reliable. Math. equations and data are given. B. K.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

30

Limits and criteria of Poiseuille's law applied to latex. B. M. Keshov. *Caoutchouc and Rubber* (U. S. S. R.) 1930, 42-1. Curves and math. equations, based on expts. with synthetic latex, show that the coeff. of viscosity of latex depends on the pressure, and on the radius of the capillary tube for plastic, viscous and turbulent flow. The limiting points for viscous flow of synthetic latex were defined, and Poiseuille's law is shown to apply. Hydrodynamic laws and relative viscosities of latex. *Ibid.* 41-8. K. distinguishes 3 regions of flow, 1. ν , region of viscous flow where Rt is const. (R is the radius of the capillary tube, t the time of flow) and Poiseuille's law applies; region of nonviscous or turbulent flow where Rt is const. and the Bernoulli theorem applies, and Reynold's region where both laws apply. The relative viscosities of 20% and 63.3% natural latex are compared with the viscosity of water and glycerol. The limiting coefficient of relative viscosities of latex. *Ibid.* 49. -K. combines 2 equations for latex $\eta = Kd_1 \frac{(h_1 - h_2)}{t}$ and for a standard liquid $\eta_0 = Kd_2 \frac{(h_1 - h_2)}{t}$ and obtains for a burst type of app., with the restriction that $h_1 = 2h_2$, and obtains for the relative viscosity η/η_0 the equation:

$\eta/\eta_0 = d_1/d_2 \times t_0/t_1 \times (P_1/P_2)^{1/2}$ For an app. with added air pressure $\eta/\eta_0 = Kd_1/d_2 \times (P_1/P_2)^{1/2} \times (t_0/t_1)$ and for a standard liquid $\eta_0 = Kd_2/d_1 \times (P_1/P_2)^{1/2} \times (t_0/t_1)$ with the restriction that $P_1 = 2P_2$, the equation $\eta/\eta_0 = d_1/d_2 \times t_0/t_1$ is derived, where t_0 is time of flow of vol. V under pressure of a liquid column of height h_1 , d_1 and d_2 are the ds. of latex and standard liquid, η_0 and η the vis. of latex flowing in time t_0 under pressures P_1 and P_2 . All other capital letters have same meaning as small letters apply to standard liquid.

ASB 51-8 DETAIL JOURNAL LITERATURE CLASSIFICATION

1ST AND 2ND SECTIONS										3RD AND 4TH SECTIONS									
PROCESSING AND PROPERTIES INDEX																			
CA										2									
<p>The concept of a chemical element from the viewpoint of the periodic law of Mendeleev. P. M. Kozlov. <i>Ispoln. Khim. 18, 638-40 (1941).</i>—Review and discussion. F.H. Rathmann</p>																			
ASS-15A METALLURGICAL LITERATURE CLASSIFICATION										FROM SOURCE									
15000 15100 15200 15300 15400 15500 15600 15700 15800 15900										16000 16100 16200 16300 16400 16500 16600 16700 16800 16900									
15000 15100 15200 15300 15400 15500 15600 15700 15800 15900										16000 16100 16200 16300 16400 16500 16600 16700 16800 16900									

KEDROV, Bonifatii Mikhailovich.

Quantitative and qualitative changes in nature Moskva god. izd-vo polit.
lit-ry, 1946. 286.p. (51-26676 rev.)

Q175. K26

KEROV, Bonifatii Mikhaïlovich.

The development of the concept of elements from Mendeleev until the present time;
history of ideas Moskva, Gos, izd-vo tekhniko-teoret. lit-ry, 1948. 247 p.
(Filosofskie problemy sovremennogo estestvoznaniia) (49-29301 rev)

Q1466.K4

KEDROV, B. M.

Dr. Phil. Sci.

"One of the Unusual Pages from the History of Chemistry," Priroda, No.2, 1948

CA

2

Constancy and mutability of chemical composition. B.
M. Kozlov. *Izvest. Sibirsk. Fiz.-Khim. Anal., Inst.*
Obshch. i Novog. Khim. Akad. Nauk S.S.S.R. 16, No. 4, ,
19-31 (1948).—A review. M. Hosh

KEDROV, E. M.

12 to 15 May 1948, Moscow, first conference was held on history of Soviet chemistry, convened by Commission on the History of Chemistry, Acad. Sci USSR. Many papers were presented by (ostensibly) members of this Commission.

"D. I. Mendeleev and Foreign Slavic Scientists." (Inst of Philosophy, Acad Sci USSR).

"Materials on the History of Soviet Chemical Science," published by Acad Sci USSR in Moscow-Leningrad 1950. 283498

KEDROV, B. M.

Development of the Concept of an Element From Mendeleyev to our Day. Main
Polygraphic Publishing House of Glavpoligrafizdat, 247 pp, 1952.

KEDROV, B.M.

How D.I. Mendeleev completed the discovery of the law of periodicity.

Trud. Inst. ist. est. 4:62-103 '52.

(MLRA 6:7)

(Periodicity)

KEDROV, B. M.

Atoms

D. I. Mendeleev's foresight concerning the complexity of atoms and transmutation of elements.
Khim. v shkole, No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

KEDROV, B. M.

"The Materialistic Concept of the Laws of Nature," Voprosy filosofii,
(Problems of Philosophy), No 6, 1952

KHIMICH, D. I.

Chemistry, Physical and Theoretical

D. I. Mendeleev's criticism of the mechanistic principle of additivity in chemistry. Usp. Khim. 21, no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

PERDOV, I. N.

Periodic Law

New manuscripts of D. I. Mendeleev on the periodic law. B. M. Kolrov. Bull. HOIP.
Otd. geol. 27, no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November, 1952. Unclassified.

KEDROV, B.M.

USSR/Physics -- Periodic System, Inert Gases May 52

"From the History of Science: D. I. Mendeleyev's
Periodic Law and Inert Gases," B. M. Kedrov

"Uspekh Fiz Nauk" Vol XLVII, No 1, pp 95-114

Historical, philosophical discussion of Mendeleyev's
periodic system. Cites Stalin, Engels, Mendeleyev,
and I. P. Selinov (ibid. Vol XLIV No 4, 1951). Dis-
cusses table with indication of 3 elements of the fu-
ture zero period: anticipation by Mendeleyev of one
of the discoveries of nuclear physics; ultimate des-
tiny of Mendeleyev's providence; methodological foun-
dation of Mendeleyev's foresight.

219T77

USSR/Scientists - Chemistry

Card : 1/1 Pub. 123 - 3/19

Authors : Kedrov, B. M., Dr. of Philosophy

Title : About the previously unknown predictions' of D. I. Mendeleyev

Periodical : Vest. AN Kaz. SSR 12, 14 - 23, December 1953

Abstract : Selected excerpts from D. I. Mendeleyev's manuscripts in which he predicted the existence of eighteen new elements (unknown at that time) and the variability of elements. The names of the elements and their atomic numbers, are listed.

Institution : Acad. of Sc. Kaz. SSR

Submitted : D. V. Sokol'skiy, Act. memb. of Acad. of Sc. Kaz. SSR

George C. ...

U S R

✓The prediction of, and the search for, ~~element~~ (ze-
manium) by D. I. Mendeleev. B. M. Kedrov. *Khim.*
Redlich Elementos, Akad. Nauk S.S.R. 4, 7-17 (1954).
Historical review with documentation.

G. M. Kosolapoff

ju

KEDROV, B.M.

Sequicentennial of the atomic theory and the Russian chemists. Vest.
Len.un.9 no.5:177-184 My '54. (MIRA 9:7)
(Dalton, John, 1766-1844) (Atomic theory)

ПЕДРОВ, Д.М.

GRINBERG, A.A. (Leningrad); BABAYEVA, A.V. (Moscow); YATSIMIRSKIY, K.B. (Ivanovo); GOREMYKIN, V.I. (Moscow); BOLIY, G.B. (Moscow); FIALKOV, Ya.A. (Kiyev); YAKSHIN, M.M. (Moscow); ~~YEDROY~~, B.M. (Moscow); GEL'MAN, A.D. (Moscow); FEDOROV, I.A. (Moscow); MAKSIMYUK, Ye.A. (Leningrad); VOL'KENSHTeyN, M.V. (Leningrad); ZHDANOV, G.S. (Moscow); PTITSYN, B.V. (Leningrad); ABLOV, A.V. (Kishinev); VOLSHTEYN, L.M. (Dnepropetrovsk); TROITSKAYA, A.D. (Kazan'); KLOCHKO, M.A. (Moscow); BABAYEVA, A.V.; TRONEV, V.G. (Moscow); RUBINSHTeyN, A.M. (Moscow); CHERNYAYEV, I.I.; GRINBERG, A.A.; TANANAYEV, I.V.

Explanation of the transeffect. Izv. Sek. plat. i blag. met. no. 28:
56-126 '54. (MLRA 7:9)

(Compounds, Complex) (Platinum)

KEDROV, B.; KIYAZEVA, L., redaktor; PIOTROVICH, M., tekhnicheskiiy redaktor

[F.Engels' work "Dialectic of Nature."] O proizvedenii F.Engel'sa
"Dialektika prirody." 2-e izd., dop. Moskva, Gos. izd-vo polit. lit-
ry, 1954. 142 p. (MLRA 8:7)
(Engels, Friedrich, 1820-1895)

KFDR V, B. M.

Dialectical materialism with reference to contemporary discoveries in the field of the structure of matter Moskva, Znanie, 1954. 38p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znani. ser. 2., 1954, no. 17)

KEDROV, B. [M]

The Mendeleev law and the problem of controlling nuclear processes. I. Tr. from the Russian. (To be contd.). p. 122. (Magyar Kemiai Folyoirat, Budapest, Vol. 60, no. 4, Apr. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

KEDROV, B.; CHENTSOVA, T.[deceased] KUZNETSOV, I.V., redaktor; VOLODINA,
N.I., redaktor; SHCHERBAKOV, A.V., tekhnicheskii redaktor

[Brauner, an associate of Mendeleev's; on the centenary of the
birth of Bohuslav Brauner] Brauner-spodvishnik Mendeleeva; k
stoletiu so dnia rozhdenia Boguslava Braunera. Moskva, Izd-vo
Akademii nauk SSSR, 1955. 124 p. (MLRA 8:11)

(Brauner, Bohuslav, 1855-1935)

(Mendeleev, Dmitrii Ivanovich, 1834-1907)

KEDROV, B.M.

D.I. Mendeleev's periodic law and geochemistry. Och.p0 ist.geol.
znan. no.4:3-41 '55. (MLRA 9:5)

(Geochemistry) (Periodic law)

KEDROV, Bonifatii Mikhaylovich; BURTA KOV, A.B., redaktor; SOKOLOVA, R.Ya.,
tekhnicheskii redaktor

[Evaluation of the concept of elements in chemistry] Evaliutsia
poniatiia elementa v khimii. Moskva, Izd-vo Akademii pedagog. nauk
RSFSR, 1956. 360 p. (MLBA 10:2)
(Chemical elements)

KEDROV, Bonifatiiy Mikhaylovich

[Evolution of the concept of elements in chemistry] Evoliutsiia
poniatiia elementa v khimii. Moskva, Izd-vo Akad.pedagog.nauk
RSFSR, 1956. 360 p. (MIRA 14:3)
(Chemical elements)

KEDROW, B.M.

POLAND/General Problems.

A

Abs Jour : Ref. Zhur - Khimiya, No 10, 1957, 33368

Author : Kedrow, B.M.

Inst :

Title : Classification of Sciences.

Orig Pub : Studia i mater. dziejow nauki polsk. PAN, 1956, No 4,
5-31.

Abstract : No abstract.

Card 1/1

KEDRAW, B.M.

PA - 2487

AUTHOR: KEDRAW, B.M., Dr. phil.
 TITLE: Critical Notes and Bibliography. (Kritika i bibliografiya, Russian)
 Mistakes Committed. (Seriozniye oshibki i upushteniya, Russian).
 PERIODICAL: Vestnik Akademii Nauk SSSR, 1957, Vol 27, Nr 1, pp 122-122 (U.S.S.R.)
 Received: 5 / 1957 Reviewed: 6 / 1957

ABSTRACT: On the Complete Works by D.I. MENDELEEF (1934-1954). This edition was not properly planned at all. Thus it was possible that in one single volume three different scientific fields were dealt with, which originally should have been dealt with by three separate volumes. This lack of planning produced unfavorable effects on the interior structure of the volumes. There are no prefaces to volumes 1 - 6 for they are all concentrated in volume 10. This planlessness gave rise to chaos, particularly as in some volumes whole pages are devoted to scientific problems belonging to other fields. MENDELEEF himself would have described much of what was included in this edition as mere compilation. From the point of view of a critic it must be said that only that ought to be included in a collection of the complete works of an author what has been recognized as scientific work by the author himself, and what had already been published or had been prepared for publication by the author himself. As it is, even series of articles were included in this edition which had not been written by MENDELEEF at all.

Card 1/2

PA - 2487

Critical Notes and Bibliography. - Mistakes Committed.

The following must further be said in connection with deciphering MENDELEEF'S handwriting: The editors either were not able or did not take the trouble to study MENDELEEF'S handwriting, and some abbreviations he used when dealing with some chemical problems were misunderstood and what was actually printed was sheer nonsense. Thus, abbreviations "Okt.S" and "Marsch", which stood for "octahedral" and "Marschan" (R.F. Marschan) respectively, were translated as "October" and "March" !

It happened that the numbers of chapters were confused with numbers of elements etc.

Furthermore, there is a great number of printing errors.

ASSOCIATION: Not given
 PRESENTED BY:
 SUBMITTED:
 AVAILABLE: Library of Congress

Card 2/2

KEDROV, Bonifatii Mikhaylovich; POTKOV, L.L., red.; PIOTROVICH, M.,
tekhn.red.

[Day of a great discovery] Den' odnogo velikogo otkrytiia.
Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1958. 560 p. (MIRA 12:1)
(Periodic law)

MENDELEYEV, Dmitriy Ivanovich; KEDROV, B.M. red.; MOSTOVENKO, N.P., red.
izd-va; MAKUNI, Ye.V., tekhn.red.

[Periodic law] Periodicheskiy zakon. Red., stat'ia i primechania
B.M.Kedrova. Moskva, Izd-vo Akad. nauk SSSR, 1958. 830 p.
(Periodic law) (MIRA 11:6)

KEDROV, Bonifatii Mikhaylovich; TOPCHIYEV, A.V., akademik, otv.red.;
HOZENBERG, R.Yu., red.izd-vs; KASHINA, P.S., tekhn.red.;
NOVICHKOVA, N.D., tekhn.red.

[Philosophical analysis of the first works of D.I.Mendeleev
on the periodic law (1869-1871)] Filosofskii analiz pervykh
trudov D.I.Mendeleeva o periodicheskom zakone, 1869-1871.
Moskva, Izd-vo Akad.nauk SSSR, 1959. 294 p. (MIRA 12:2)
(Periodic law) (Mendeleev, Dmitrii Ivanovich, 1834-1907)

PHASE I BOOK EXPLOITATION SOV/3493

Vsesoyuznoye soveshchaniye po filosofskiyam voprosam yestestvoznaniya
Filosofskiy problem soyuznogo yestestvoznaniya: trudy sovesh-
chaniya... (Philosophical Problems of Modern Natural Science
Transactions of the All-Union Conference on Philosophical Problems
of Natural Science) Moscow, Nauka, 1959. 663 p.
Errata slip inserted. 6,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Ed. of Publishing House: A.I. Kompaneyets; Tech. Ed.: I.N. Dorokhina;
Editorial Committee: P.N. Fedoseyev, Corresponding Member, Academy
of Sciences USSR (Chairman), B.M. Vul, Corresponding Member,
Academy of Sciences USSR, M.E. Osel'yanovskiy, Academician, Academy
of Sciences USSR, N.M. Slesarev, Corresponding Member, Academy
of Sciences USSR, V.M. Stolyov, Professor, and Ye.N. Chesnokov,
Candidate of Philosophical Sciences (Scientific Secretary)

PURPOSE: This book is intended for natural scientists and philosophers
interested in coordinating Communist philosophy with science.
CONTENT: This is a publication of the transactions of the All-Union
Conference on Philosophical Problems of Natural Science which took
place in Moscow, October 21-25, 1959. The Conference was
attended by 20 academicians and 30 corresponding members of the
Academy of Sciences USSR, 15 academicians and 34 members of re-
public and special academies, 166 university and college workers,
240 workers of scientific research institutes, and 15 party the-
oretical officials. The purpose of the Conference was to coordinate
the work of the Organizational Committee of the Academy of Sciences
in the field of philosophical problems and to provide the philoso-
phical background required for the study of modern scientific problems.

Milin, M.B., Academician. A Great Ideological Instrument for the
Investigation and Creation of the Universe (Commentary on
the 50th Anniversary of the Completion of V.I. Lenin's Book,
Materialism and Empirio-criticism) 12

Osel'yanovskiy, M.E., Academician. AS USSR. V.I. Lenin and the
Philosophical Problems of Modern Physics 32

Aleksandrov, A.D., Corresponding Member, AS USSR. Philosophic
Content and Significance of the Theory of Relativity 93

Kedrov, B.M., Professor. Relationships Between the Different
Forms of Motion in Nature 137

Pok, V.A., Academician. Interpretation of Quantum Mechanics 212

Sobolev, S.L., Academician, and A.A. Lyapunov, Professor. Cyberne-
tics and Natural Science 237

Ambartsumyan, V.A., Academician. Certain Methodological Problems
of Cosmogony 268

Frank, O.M., Corresponding Member, Academy of Medical Sciences
USSR, and V.A. Engel'gardt, Academician. Role of Physics and
Chemistry in the Study of Biological Problems 291

Oparin, A.I., Academician. Problem of the Origin of Life in the
Light of the Achievements of Modern Science 324

Grunchenkov, M.I., Corresponding Member, AS USSR. Lenin's Theory
of Reflection and the Modern Physiology of the Sense Organs 341

DISCUSSION OF REPORTS

Shirokov, M.P., Professor 365

Card 4/11

ARTOBOL'EVSKIY, I.I., akademik; KUDRYAVTSEV, P.S., prof.; OGORODNIKOV, K.F.,
 prof.; RZHONSNITSKIY, B.N., kand. tekhn. nauk; DOROGOV, A.A., kand.
 tekhn. nauk; VASIL'YEV, I.G., kand. tekhn. nauk; ISLAMOV, O.I., kand.
 geol.-miner. nauk; LEONOV, N.I., prof.; RADKEVICH, Ye.A., doktor geol.-
 miner.nauk; KUZNETSOV, B.G., prof.; MARIYENBAKH, L.M., prof.;
 RUBINSHTEYN, M.I., prof.; KALMYKOV, K.F., kand. biol. nauk;
 KONFEDERATOV, I.Ya., prof.; KOZLOV, A.G.; ZUBOV, V.P., prof.;
 IMSHINETSIIY, A.A.; DORFMAN, Ya.G., prof.; SHUKHARDIN, S.V., kand.
 tekhn.nauk; KEDROV, B.M., prof.; DANILEVSKIY, V.V., akademik; SHATSKIY,
 N.S., akademik; BYKOV, K.M., akademik.

Speeches. Vop. 1st. est. 1 tekhn. no.6:111-141 '59.
 (MIRA 12:6)

1.Chlen-korrespondent AN SSSR (for Imshinetskiy). 2. AN USSR
 (for Danilevskiy).
 (Science) (Technology)

Re. D. Rev. D. M.

30(9)
AUTHOR:
TITLE:
PERIODICAL:
ABSTRACT:
Card 1/3

Mass Given
All-Union Conference on Philosophical Problems of Modern Natural Science (Vsesoyuznyye nauchnyye po filosofskim voprosam sovremennoy yestestvoznaniya) By the Editor (Ot redaktsii) Voprosy filosofskikh nauk, 1959, Vol. 68, Nr. 4, PP. 717-727 (USSR)

The above conference took place at Moscow in October 1958; it was attended by more than 600 scientists, and more than 20 Academicians and 30 Corresponding Members of the USSR Academy of Sciences from Bulgaria, Hungary, East Germany, and Czechoslovakia. The following lectures delivered at the conference were published: Academician K. B. Nishin (on Lenin's views on epistemology and epistemology), Academician AS UrSSR K. B. Gerasimovskiy ("V. I. Lenin and the Philosophical Problems of Modern Science"), Doctor of Philosophical Sciences M. M. Kozlov ("On the Relationship of the Forces of Motion of Matter in Nature"), Academician V. A. Fok ("Interpretation of Quantum Mechanics" - already published in Voprosy filosofskikh nauk, 1957, Vol. 62, Nr. 4). Corresponding Member AS USSR A. B. Aleksandrov ("The Philosophical Content of and the

Significance of the Theory of Relativity"), Academician V. A. Anshitskiy (on the Methodological Problems of Cosmology"), Academician E. A. Sobolev and Academician A. A. Kargin ("Epistemology and Natural Science"), Corresponding Member AS USSR G. M. Frank and Academician V. A. Kargin ("On the Part Played by Physics and Chemistry in the Generalization of the Problem of the Origin of Life"), and, finally, Corresponding Member AS USSR M. M. Gerasimovskiy ("Lenin's Theory of Reflection and the Modern Physiology of the Sensory Organs"). About 50 delegates took part in the discussion of these lectures. The introductory speech delivered by the President of the AS USSR, Academician A. S. Kosenyakov, is reproduced, as is the closing speech by Corresponding Member AS USSR Z. K. Pedegeyev, and finally a resolution passed by the All-Union Conference on philosophical problems of modern natural science is given under the title "On the Tasks of dealing with Philosophical Problems of Natural Science". The resolution essentially contains an appeal for the

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investigation of all new scientific facts in the sense of the theory of Marx and Lenin and of dialectic materialism for adaptation of ideas to the resolution of the 20th Party Congress, cooperation of institutes, coordination of research work, as well as some problems of organization. In conclusion, a list of printed works is given, in which the lectures delivered during the conference were published. There are 8 Soviet references.

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KEDROV, B. M.

PLANE I BOOK EXPLOITATION

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Akademiya nauk SSSR

Primeneniye logiki v nauke i tekhnike (Application of Logic in Science and Technology) [Moscow] Izdat. AN SSSR [1960] 357 p. Errata slip inserted. 10,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Editorial Board: Resp. Ed.: I. V. Tavanets, E. Ya. Kol'man, G. M. Povarov and S. A. Yanovskaya; Ed. of Publishing House: R. Yu. Roizenberg; Tech. Ed.: S. T. Karkovich.

PURPOSE: This book is intended for scientists interested in mathematical and symbolic logic.

COVERAGE: The book is a collection of 16 articles in which the authors discuss problems of mathematical logic and its application to the fields of linguistics, zoology, methodology and the field of technology. No personalities are mentioned. References follow all but one article.

Feferman, S. V. Significance of the Axiomatic Method in the Study of Trends in Changes of Living Systems	178
Zinov'ev, A. A. Deductive Method in Investigating the Propositions of Relationship	215
X'Zinov'ev, A. A. Undecidability Problem of Propositions of Relationships	243
Zinov'ev, A. A. One Variant of the Definition Theory	251
Povarov, G. M. Group Invariance of Boolean Functions	263
Shestakov, V. I. Double Arithmetic Interpretation of the Three-Valued Calculation of the Proposition Used in Simulating This Calculation by Means of a Relay-Switching Circuit	341
Jastlin, M. I. and L. M. Shekhtman. Some Problems of Physical Realization of Systems Performing Logical Functions	377
Maystrova, D. -- Application of Many-Valued Logics in the Theory of Relay Systems	394
Povarov, G. M. Inductive and Deductive Aspects of Logic Connected with Logical Problems in Technology	415
Kedrov, B. M. "Phase Method" in Formal Logic	481
Biryukov, B. V. Sense Theory of Gottlob Frege	502

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AVAILABLE: Library of Congress

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MENDELEEV, Dmitriy Ivanovich [deceased]; KEDROV, B.M., red.; PETROVSKIY, I.G., akademik, red.; ANDREYEV, N.N., akademik, red.; BYKOV, K.M., akademik, red. [deceased]; KAZANSKIY, B.A., akademik, red.; SHMIDT, O.Yu., akademik, red. [deceased]; SHCHERBAKOV, D.I., red.; YUDIN, P.F., akademik, red.; DELONE, B.N., red.; KOSHTOYANTS, Kh.S., red.; SAMARIN, A.M., red.; LEBEDEV, D.M., prof., red.; FIGUROVSKIY, N.A., prof., red.; KUZNETSOV, I.V., kand.filosof.nauk, red.; TRIFONOV, D.N., red.izd-va; NOVICHKOVA, N.D., tekhn.red.

[Periodic law; supplementary materials] Periodicheskiy zakon; dopolnitel'nye materialy. Red.i kommentarii B.M.Kedrova. Moskva, Izd-vo Akad.nauk SSSR, 1960. 711 p. (MIRA 14:2)

1. Chleny-korrespondenty AN SSSR (for Delone, Koshtoyants, Samarin). (Periodic law)

KHIDROV, Bonifatii Mikhaylovich; KAPYRIN, V.S., red.; NAUMOV, K.M.,
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[Classification of sciences] Klassifikatsiia nauk. Moskva,
Izd-vo VPSH i AON pri TsK KPSS. Vol.1. [Engels and his
predecessors] Engel's i ego predshestvenniki. 1961. 471 p.
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POSPELOV, P.N., akademik; MINTS, A.L., akademik; ALEKSANDROV, A.P.,
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BERG, A.I., akademik; PETROVSKIY, I.G., akademik; SIDORENKO, A.V.;
SKRYABIN, G.K., kand.biolog.nauk; KONSTANTINOV, B.P., akademik;
GOLUNSKIY, S.A.; SHUBNIKOV, A.V., akademik; BLOKHINTSEV, D.I.;
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Discussing the reports. Vest. AN SSSR 31 no.12:49-66 D '61.
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tekh. red.

[Subject matter and interrelation of natural sciences] Predmet
i vzaimosv'яз' estestvennykh nauk. Moskva, Izd-vo Akad. nauk
SSSR, 1962. 409 p. (Dialekticheskii materializm i sovremen-
noe estestvoznaniye [no.1]) (MIRA 16:2)
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ARZUMANYAN, A.A., akademik; BERG, A.I., akademik; ZHUKOV, Ye.M., akademik;
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 F.V.; MITIN, M.B., akademik; YELYUTIN, V.P.; PLOTNIKOV, K.N.;
 PRUDENSKIY, G.A.; YUDIN, P.F., akademik; RYBAKOV, B.A., akademik;
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 A.A.; BAISHEV, S.B., akademik; ALEKSEYEV, M.N., prof.; SKAZKIN, S.D.,
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 Plotnikov, Prudenskiy, Khvostov, Kedrov, Markov). 2. AN Kazakhskoy
 SSR (for Baishev).

(Research)

VYAL'TSEV, Anatoliy Nikolayevich; KEDROV, B.M., otv. red.;
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(MIRA 16:8)

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Konstantinov).

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V.I.Lenin and natural science. Priroda 53 no.4:2-11 '64.(MIRA 17:4)

1. Chlen-korrespondent AN SSSR.

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S.Ya., aspirant; TENIKOV, A.G., red.

[Contradictions in the development of natural science]
Protivorechiia v razvitii estestvoznaniia. Moskva, Nauka,
1965. 351 p. (MIRA 18:9)

1. Akademiya nauk SSSR. Institut istorii yestestvoznaniya
i tekhniki. 2. Chlen-korrespondent AN SSSR (for Kedrov).

KEDROV, B.M.; BLYAKHER, L.Ya.; MIRZOYAN, E.N.; USPENSKIY, S.M.; ALPATOV, V.V.

Reviews and bibliography. Biul. MOIP. Otd. biol. 70 no.3;
113-126 My-Je '65. (MJRA 18:10)